

ABSTRACT

A rotor, comprising at least one rotor blade (B1, B2, B3, B4; B5) connectable to a rotor head (2), which rotor blade possesses a blade neck (8) having a virtual flapping hinge in the form of a flexurally soft, flexurally elastic blade-neck portion, there being provided, in a blade-connector region (12, 14; 16; 30, 32) of the blade neck (8), two auxiliary flapping hinges (H1, H2), spaced apart from one another in the radial longitudinal direction of the rotor blade (B1, B2, B3, B4; B5) with reference to a rotor radius (R), between which the virtual flapping hinge is substantially disposed and between which the blade neck (8) is deformable in flexurally elastic and curved fashion in the context of a flapwise motion. A rotorcraft, in particular a helicopter, in particular a tiltrotor helicopter, having at least one such rotor.